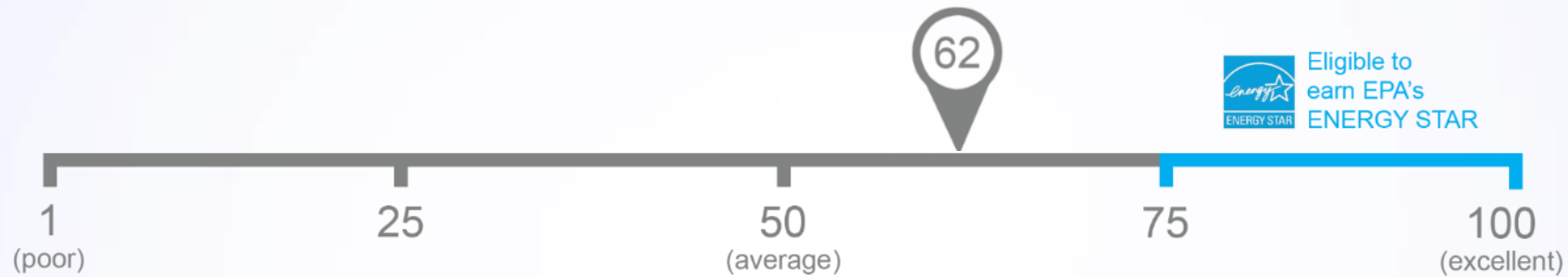




Introducing the New 1-100 ENERGY STAR Score for Single-Family Homes

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ENERGY STAR Commercial Buildings
U.S. Environmental Protection Agency
October 17, 2022

The 1-100 ENERGY STAR Score



One simple number
understood by ALL stakeholders.

Property types with 1-100 ENERGY STAR scores



Bank Branch



Barracks*



Courthouses



Data Centers



Distribution
Centers



Financial Offices



Hospitals



Hotels



K-12 Schools



Office Buildings



Medical Offices



Multifamily
Housing



Residence
Hall/Dormitory*



Retail Stores



Senior Care
Communities



Supermarkets



Warehouses



Wastewater
Treatment Plants*



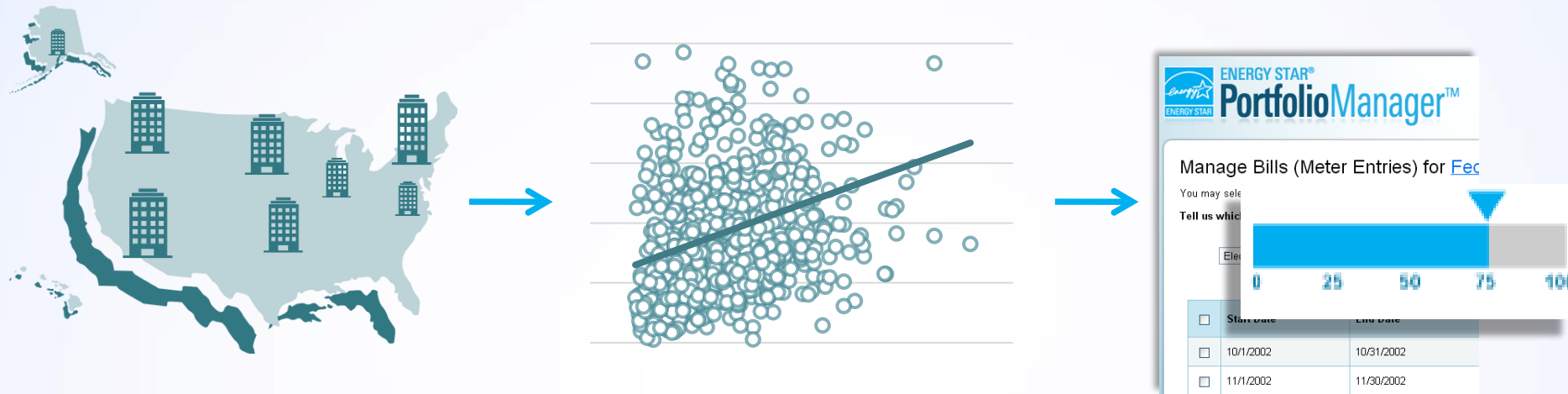
Wholesale club/
Supercenters



Worship Facilities

* ENERGY STAR Certification not available

Scores Based on Market Data



Nationally representative survey - CBECS gathers data on building characteristics and energy use from thousands of buildings across the U.S.

EPA creates a **statistical model** that correlates the energy data with the property use details to identify the key drivers of energy use, accounting for weather variations

Compares the actual energy data for a building to the modeled estimate to determine where the building ranks relative to its peers on a 1-100 scale

ENERGY STAR® Portfolio Manager®



Assess energy, water and waste/materials consumption and GHG emissions



Track changes over time



1-100 ENERGY STAR score



Apply for ENERGY STAR certification

www.energystar.gov/benchmark



- **280,000** buildings last year
- Nearly 25% of U.S. floorspace
- **40+** state/local benchmarking policies
- **One** foreign government (Canada)

So why did the commercial buildings program want to have a score for single-family homes?

- More commercial building partners asking about benchmarking single-family homes as they begin to invest in single-family rentals.
- Local and state governments have expressed interest in measuring the performance of homes as part of programs aimed at improving home energy performance.
- We discovered there's an entire industry for corporate-owned single family rental homes (and one approached us asking about benchmarking their entire portfolio):
 - Invitation Homes – 80,000 homes
 - Progress Residential – 70,000 homes
 - American Homes 4 Rent – 55,000 homes
 - Tricon Residential – 31,000 homes
 - FirstKey Homes – 25,000 homes

The Solution . . . Sort of

- Simple performance-based tool that compares a home's actual annual energy use to other similar homes.
- Uses a statistical algorithm to take into account the effects of local weather, home size, and number of occupants to give a simple 0-10 score.
- Used by over 500,000 homeowners
- Linked to by utilities, home improvement contractors, state/local governments, etc.



Assess the energy efficiency of your home and see how it measures up:

EPA's Home Energy Yardstick provides a simple assessment of your home's annual energy use compared to similar homes. By answering a few basic questions about your home, you can get:



- Your home's Home Energy Yardstick score (on a scale of 0 to 10);
- Insights into how much of your home's energy use is related to heating and cooling versus other everyday uses like appliances, lighting, and hot water;
- Links to guidance from ENERGY STAR on how to increase your home's score, improve comfort, and lower utility bills; and
- An estimate of your home's annual carbon emissions.

Learn more about [how the Home Energy Yardstick works](#).

See a sample [results page](#).



Home Energy Yardstick Inputs

 **ENERGY STAR®**
Home Energy Yardstick 

[Tell us about your home...](#) [Enter your utility bill data...](#) [Review your information...](#) [That's it! Get your score!](#)

Home Characteristics

Please provide the following information for your home.



Zip code

Number of people living full-time in your household [?](#)

Conditioned square footage of your home [\[calculate\]](#)

☐ I would like to include my address on my results

Continue ▶

 **ENERGY STAR®**
Home Energy Yardstick 

[Tell us about your home...](#) [Enter your utility bill data...](#) [Review your information...](#) [That's it! Get your score!](#)

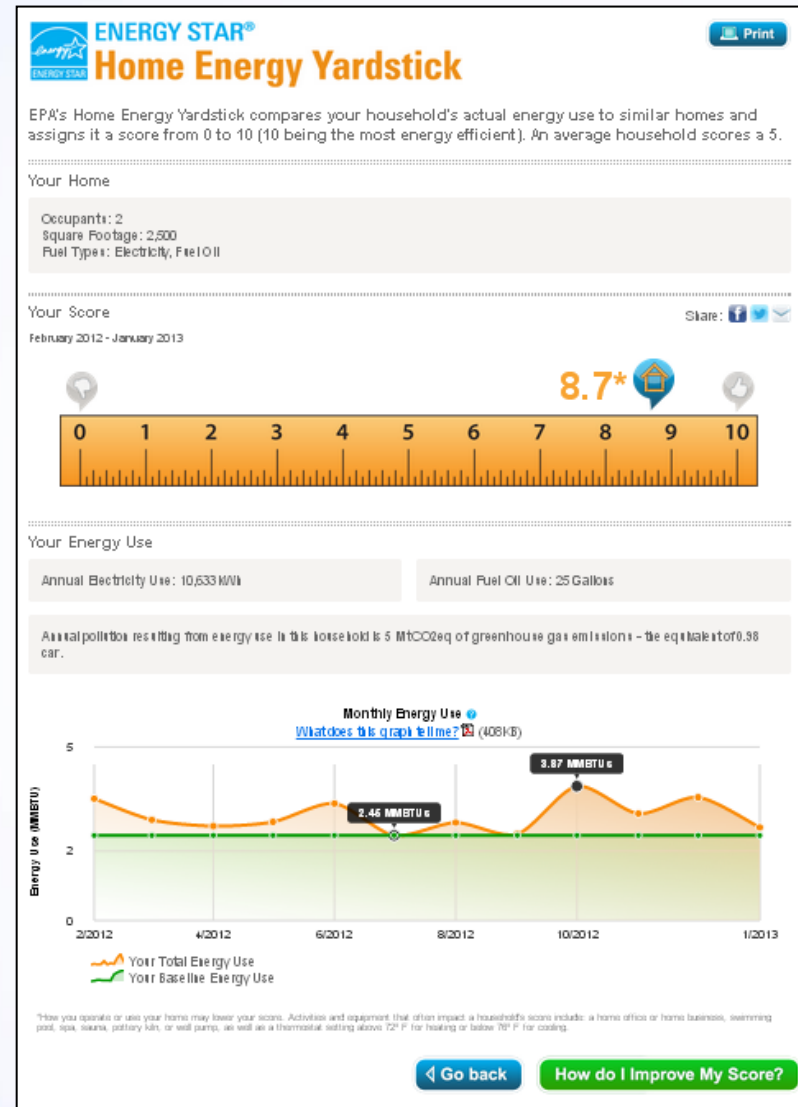
My Electricity Use

Please enter your 12 months of electricity usage into the fields below.
(Enter numbers only.)

Date Range: March 2012 - February 2013 [?](#) [\[Change\]](#)

Billing Period	Electricity Use (kWh), Max 70,000
March 2012	<input type="text"/>
April 2012	<input type="text"/>
May 2012	<input type="text"/>
June 2012	<input type="text"/>
July 2012	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>

Home Energy Yardstick Results



Hmm . . .

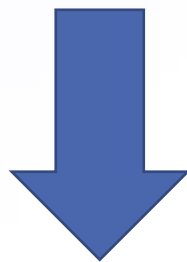
- Home Energy Yardstick (HEY) provides a score that compares a home against similar homes.
- HEY scores are developed via regression modeling using RECS data.
- Portfolio Manager provides a score that compares a building against similar buildings.
- ENERGY STAR scores are developed via regression modeling using CBECS data.

Portfolio Manager already has the ability to enter single family homes manually or via web services.



ENERGY STAR®

Home Energy Yardstick



ENERGY STAR®

PortfolioManager®

Home Energy Yardstick/Portfolio Manager Integration

- HEY score programmed into Portfolio Manager.
- HEY score converted from 0-10 to 1-100 scale to match all other scores in Portfolio Manager.
- No changes to the data required to receive a score:
 - Zip code
 - Square footage
 - Number of full-time residents
- Automated data transfer available via web services.
- HEY remains available as a standalone tool
 - New design to match Portfolio Manager design.
 - Homeowners pointed toward HEY; corporate owners pointed toward Portfolio Manager.
 - After receiving score in HEY users can save data into a Portfolio Manager account.

Score Development Principles

- Measure variability in actual energy use among buildings with the same business activity
 - Do not want/expect to have an exact prediction of energy consumption
- Focus on business activity/service provided
- Adjust for characteristics that describe *how* a building operates (e.g. hours, workers), not *why* it performs a certain way
- Do not adjust for specific technologies
 - For example: if 100% LED lighting saves energy, we don't want to compare properties with 100% LED only to each other; we want to compare them to **everyone**. The least efficient among the buildings with 100% LED may still be better than the typical building without.

ENERGY STAR Score Statistical Methodology

$$\text{Energy Intensity} = C_0 + C_1 * \text{Operating Hours} + C_2 * \text{Workers per Square Foot} + C_3 * \text{Computer per Square Foot} + C_4 * \text{HDD} + C_5 * \text{CDD} + \dots$$

- Coefficients represent average responses
- Coefficients provide adjustments for each operational characteristic
 - **Does not** add the kWh of each piece of equipment
 - **Does** adjust energy based on correlation between operating characteristic and energy use
- Yields a Predicted Energy Use Intensity, which is compared against the Actual EUI.

ENERGY STAR Score Statistical Methodology

The Score Does

- ✓ Evaluate as-billed energy use relative to building operations
- ✓ Normalize for operational characteristics (e.g., size, number of employees, cash registers, computers, climate)
- ✓ Depend on a statistically representative sample of the commercial building population

The Score Does Not

- ✗ Sum the energy use of each piece of equipment
- ✗ Normalize for technology choices or market conditions (e.g., type of lighting, energy price)
- ✗ Explain why a building operates as it does

Portfolio Manager Single-Family Home Score

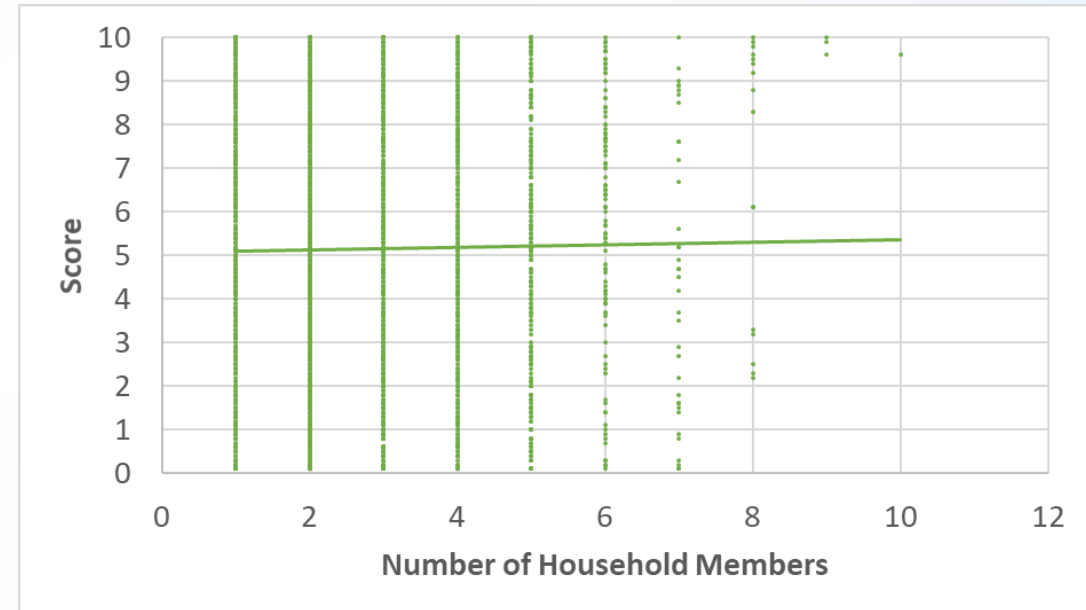
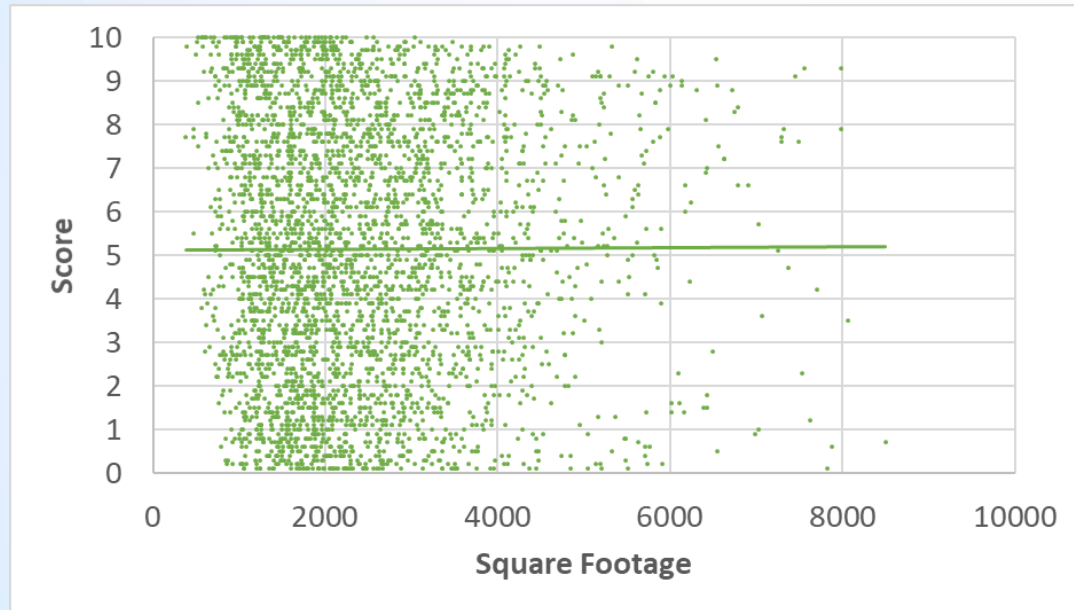
- Model developed using similar core methodologies with analytical work performed by same contractor analysis team
- Developed with data from DOE's 2015 Residential Energy Consumption Survey (RECS)
 - 3,495 Observations in final dataset
- Many potential drivers of energy use were considered/analyzed
 - Gross Floor Area
 - Electric Well Pump Geographic
 - Location More than 20
 - Showers per Week
 - Number of Household Members
 - Number of Lights on > 12 hours/day
 - Number of Televisions Number of
 - Windows Refrigeration / Freezers
 - Year Built Heating Degree Days
 - Cooling Degree Days
- Determined adjustments should be made for
 - Gross Floor Area
 - Number of Household Members
 - Weather and Climate (using Heating and Cooling Degree Days, retrieved based on ZIP code)

Portfolio Manager Single-Family Home Score – Differences from other ENERGY STAR scores

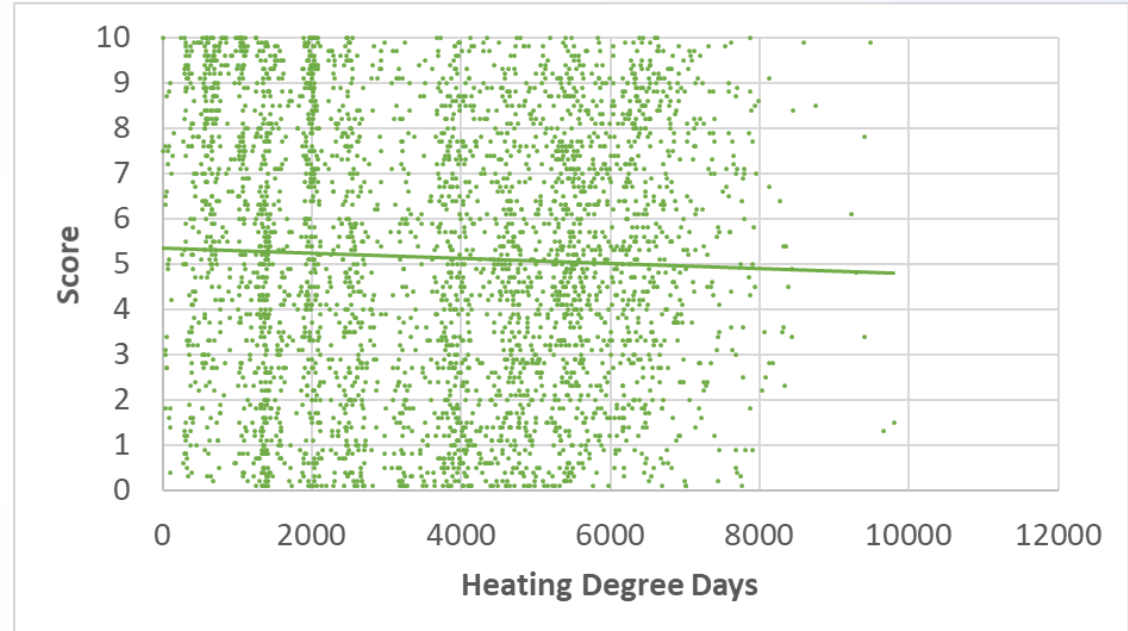
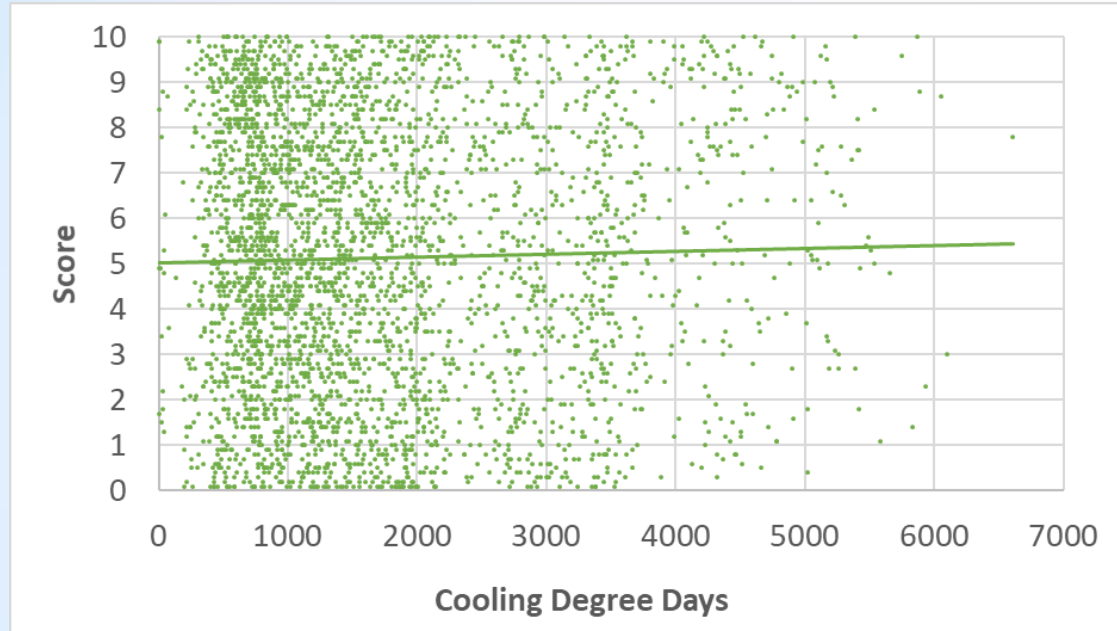
- Lower number of adjustments used for business activities – keeps it simple
 - Home size, number of household members, and weather adjustments
- Uses source energy as the dependent variable instead of source energy use intensity
 - Mathematically, this ends up being a minor difference since the size of the home is included as an independent variable
- No intercept used in the model
 - Again, results in only minor mathematical difference in terms of score calculation
- Does not use centered variables
 - Results in no difference to the score. This is a mathematical transformation that is just optical and used to improve the interpretability of the ENERGY STAR Score


Portfolio Manager Single-Family Home Score – ENERGY STAR review

- ENERGY STAR analysis team performed review of technical details and analysis to determine the score met our standards before launching in Portfolio Manager



Portfolio Manager Single-Family Home Score – ENERGY STAR review





ENERGY STAR
Portfolio Manager

Set up a Property

Properties come in all shapes and sizes. Since there are so many different types of buildings, we've created a list of property types to help you choose the one that best describes your property.

ACME BANK

1234 Main St

Reston, VA 20190

Medical Office

Outpatient Rehabilitation/Physical Therapy

Residential Care Facility

Senior Living Community

Urgent Care/Clinic/Other Outpatient

Lodging/Residential

Barracks

Hotel

Multifamily Housing

Prison/Incarceration

Residence Hall/Dormitory

Residential Care Facility

Senior Living Community

Single Family Home

Other

Manufacturing/Industrial

Manufacturing/Industrial Plant


Mixed Use

Mixed Use Property

Office

Select a property type

[Learn more about Property Types.](#)



1 2 3

Your Property's Buildings


How many physical buildings do you consider part of your property?

☐ None: My property is part of a building (e.g., a Tenant Space)


☐ One: My property is a single building

☐ More than One: My property includes multiple buildings ([Campus Guidance](#))


How many?

**Tip**

To set up a property, you'll need information such as [gross floor area](#) and [operating hours](#).

**Tip**

Not sure what kind of property you are? Because we focus on whole building benchmarking, you want to select the property type that best reflects the activity in the majority of your building. Don't worry if you have other tenants with different business types, just select the



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PortfolioManager®

Welcome MIKEZATZ: [Account Settings](#) | [Notifications](#) | [ENERGY STAR Notifications](#) | [Contacts](#) | [Help](#) | [Sign Out](#)

Set Up a Property: Basic Property Information

Tell us a little bit more about your property, including a name that you will use to look up your property and its address.

About Your Property

Name:

* Mike's Test Single Family Home

Country:

* United States

Street Address:

* 1234 Main St.

City/Municipality:

* Reston

County:

State/Province:

* Virginia

Postal Code:

* 20190

Year Built:

* 1992

Gross Floor Area:

* 3,000

Sq. Ft.

☐ Temporary Value


Irrigated Area:

Sq. Ft.


Occupancy:

* 100

%

**Tip**

The name you choose for your property does not have to be unique. But, it may make it easier for you to work with properties in your portfolio if you do not use the same (or similar) names.

**Tip**

The property photo that you upload here can be used on the [Registry of ENERGY STAR Qualified Buildings](#) if you submit

Set up a Property: How is it used?

Based on what you've told us so far, Portfolio Manager has set up your property. Fill in the tables below to provide more detailed information on how your property is used.

Basic Information

Name: Mike's Test Single Family Home Country: US

Property Type: [Single Family Home](#) Address: 1234 Main St. Reston, VA 20190 [Map It](#)

Year Built: 1992

Property consists of: 1 building

[Edit](#)

[Add Another Type of Use](#) [Add](#)

Building Use [Edit Name](#)

Single Family Home refers to a standalone building with its own lot that provides living space for one household or family.

Gross Floor Area should include all finished space within the home, including living areas, bedrooms, and finished basements and attics; finished Accessory Dwelling Units (ADUs) on the same energy meter should also be included. Do not include unfinished basements, unfinished attics, or garages.

Property Use Detail	Value	Current As Of	Temporary Value
Gross Floor Area	<input type="text" value="3,000"/> Sq. Ft. v	<input type="text" value="1/1/1992"/> Calendar	<input type="checkbox"/>
Number of People	<input type="text"/>	<input type="text" value="1/1/1992"/> Calendar	<input type="checkbox"/>
Number of Bedrooms	<input type="text"/>	<input type="text" value="1/1/1992"/> Calendar	<input type="checkbox"/>

[Back](#)

[Add Property](#) [Cancel](#)

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Congratulations! You have successfully created your property.

Next, you can:

- [Add energy use information](#), so that you can see your energy performance metrics.

Mike's Test Single Family Home



1234 Main St., Reston, VA 20190 [Map It](#)

Portfolio Manager Property ID: 20475926

Year Built: 1992 [Edit](#)

[Not currently eligible for ENERGY STAR Certification](#)

[Weather Normalized Source EUI \(kBtu/ft²\)](#) [Why not score?](#)

Current: [N/A](#)

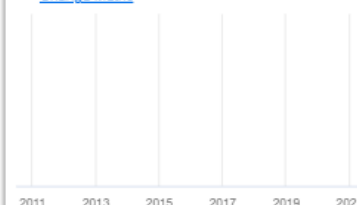
Baseline: [N/A](#)

Summary

[Details](#) [Energy](#) [Water](#) [Waste & Materials](#) [Goals](#) [Design](#)

[Refresh](#) to see [Source EUI Trend](#)

[Change Metric](#)



Metrics Summary

Metric v	Not Available (Energy Baseline) v	Not Available (Energy Current) v	Change v
ENERGY STAR Score (1-100)	Not Available	Not Available	N/A
Source EUI (kBtu/ft²)	Not Available	Not Available	N/A
Site EUI (kBtu/ft²)	Not Available	Not Available	N/A
Energy Cost (\$)	Not Available	Not Available	N/A
Total GHG Emissions Intensity (kgCO₂e/ft²)	Not Available	Not Available	N/A
Water Use (All Water Sources) (kgal)	Not Available	Not Available	N/A
Total Waste (Disposed and Diverted) (Tons)	Not Available	Not Available	N/A

Data Quality Checker

Run a check for any 12-month time period to see if there are any possible errors found with your data.

[Check for Possible Errors](#)

Mike's Test Single Family Home



1234 Main St., Reston, VA 20190 | [Map It](#)

Portfolio Manager Property ID: 20475926

Year Built: 1992

[Edit](#)

Not currently eligible for
ENERGY STAR
Certification

**Weather Normalized
Source EUI (kBtu/ft²)** [Why not score?](#)

Current: [N/A](#)

Baseline: [N/A](#)

[Change Metric](#)

[Summary](#) | [Details](#) | **[Energy](#)** | [Water](#) | [Waste & Materials](#) | [Goals](#) | [Design](#)

Meter Summary

0 Energy Meters Total
In order to receive metrics for your property, you must provide meters. You have not entered any meters yet.

[Add A Meter](#)

Current Energy Date
Not Available

[Enter Your Bills](#)

Five Ways to Enter Bill Data

1. Manual ([Instructions here](#))
2. Use our [simple spreadsheet](#) (on the bottom of each meter's Manage Bills page) to upload or Copy/Paste
3. Use our [complex spreadsheet](#) (multiple meters + multiple properties)
4. [Hire an organization](#) to electronically enter your data
5. See if your [utility offers this service](#)

Meters - Used to Compute Metrics (0)

[View as a Diagram](#)

[Add A Meter](#)

! There are currently no energy meters entered for this property/building. In order to track energy usage and receive energy metrics, you must provide an energy meter. [Enter information about your energy meters](#) to begin tracking energy usage. After entering the meter, you will need to [choose to include it in your metrics](#).

For a step-by-step guide to entering meter data, see [How to get Utility Data into Portfolio Manager](#).

Get Started Setting Up Meters for Mike's Test Single Family Home

There are five ways to enter meter data. First, you can enter manually, starting below. Second, you can set up your meters below, then upload a specially formatted spreadsheet with just your bill data. Third, for advanced users, you can use our upload tool that allows you to set up all of your meters and enter bill data. Fourth, you can [hire a company to update your data electronically](#). And finally, you can see if your [utility offers the service to update your energy data automatically](#).



Sources of Your Property's Energy

What kind of **energy** do you want to track? Please select all that apply.

- ☒ Electric
 - ☒ purchased from the grid

How Many Meters?
 - ☐ generated from onsite solar panels
 - ☐ generated from onsite wind turbines
- ☐ Natural Gas
- ☐ Propane
- ☐ Fuel Oil (No. 2)
- ☐ Diesel
- ☐ District Steam
- ☐ District Hot Water
- ☐ District Chilled Water
- ☐ Fuel Oil (No. 4)
- ☐ Fuel Oil (No. 5 and No. 6)
- ☐ Coal (anthracite)
- ☐ Coal (bituminous)
- ☐ Coke
- ☐ Wood
- ☐ Kerosene
- ☐ Fuel Oil (No. 1)
- ☐ Other:

Tracking Energy

To track your energy, create an energy meter for each source of energy from a utility, a neighboring building, or an onsite solar or wind panel. If you purchase a raw fuel (e.g. gas) and produce your own fuel (e.g., electricity or chilled water), you only need a meter for the fuel you purchased (e.g. gas), and not for the fuel you produce.

Two Meters Needed for Onsite Solar/Wind

If you've got onsite Solar (or Wind), you still need to enter an Electric Grid Meter. [Learn More.](#)

Automate Your Meter Entries

There are many organizations that will electronically enter your utility data into Portfolio Manager. Many utilities provide this service for free. Service providers integrate this service into their own software and value-added offerings. [Learn more.](#)

[Get Started!](#)

[Cancel](#)

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About Your Meters for Mike's Test Single Family Home

Enter the information below about your new meters. The meter's **Units** and **Date Meter became Active** are required. You can also change the meter's name.

1 Energy Meter for Mike's Test Single Family Home (click table to edit)

<input type="checkbox"/>	Meter Name	Type	Other Type	Units	Date Meter became Active	In Use?	Date Meter became Inactive	Enter as Delivery?	
<input type="checkbox"/>	Electric Grid Met	Electric - Grid		kWh (thous.)	01/01/2021	<input checked="" type="checkbox"/>		<input type="checkbox"/>	

[Delete Selected Entries](#)
[Add Another Entry](#)

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[Create Meters](#)
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Your meters have been created! If you have your energy consumption information for these meters, you can enter it below. Or, you can [continue with setting up your meters](#) and enter your energy bills later.

Your Meter Entries for Mike's Test Single Family Home

Now we need actual energy consumption information in order to start providing you with your metrics and, possibly, your score!

1 Energy Meter(s) for Mike's Test Single Family Home

Electric Grid Meter

	Start Date	End Date	Usage kWh (thousand Watt-hours)	Total Cost (\$)	Estimation	Green Power	Demand (kW)	Demand Cost (\$)
<input type="checkbox"/>	1/1/2021	2/1/2021	2,000		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	2/1/2021	3/1/2021	1,800		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	3/1/2021	4/1/2021	1,500		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	4/1/2021	5/1/2021	1,000		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	5/1/2021	6/1/2021	800		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	6/1/2021	7/1/2021	1,200		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	7/1/2021	8/1/2021	1,400		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	8/1/2021	9/1/2021	1,100		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	9/1/2021	10/1/2021	1,000		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	10/1/2021	11/1/2021	1,150		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	11/1/2021	12/1/2021	1,400		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	12/1/2021	1/1/2022	1,650		<input type="checkbox"/>	<input type="checkbox"/>		

[Delete Selected Entries](#)
[Add Another Entry](#)
[Learn how to copy/paste](#)

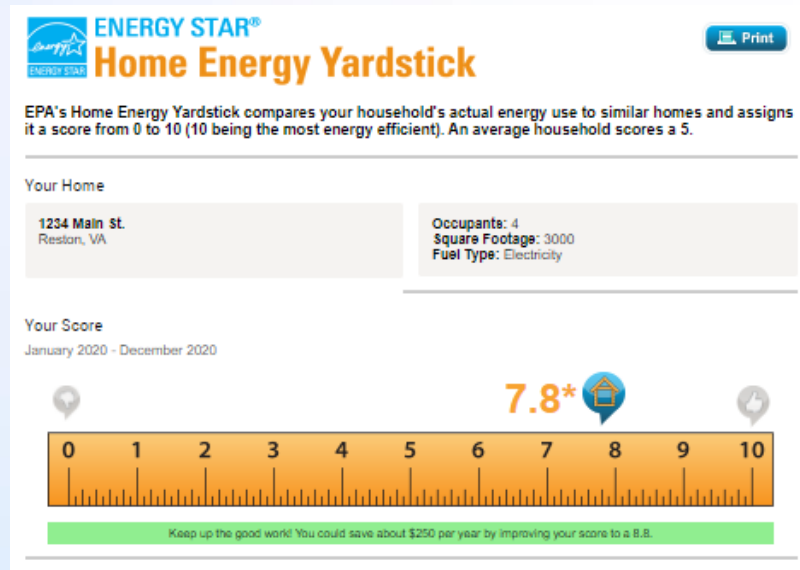
Upload data in bulk for this meter:

Use this [single-meter spreadsheet](#) to:



- Upload the completed file below
- Copy and Paste the data into the table above

[Choose File](#) No file chosen
 [Upload](#)

- You're now ready to:
 - Review energy performance.
 - See GHG emissions associated with energy use.
 - Share information with others.
 - Print reports.



Home Energy Yardstick Inputs

 **ENERGY STAR®**
Home Energy Yardstick 

Home Energy Yardstick (powered by [Portfolio Manager](#))

EPA's Home Energy Yardstick provides a simple assessment of your home's annual energy use compared to similar homes. By answering a few basic questions about your home, you can get:

- Your home's ENERGY STAR score (on a scale of 1 to 100, with an average home scoring 50);
- Insights into how much of your home's energy use is related to heating and cooling versus other everyday uses like appliances, lighting, and hot water;
- Links to guidance from ENERGY STAR on how to increase your home's score, improve comfort, and lower utility bills
- An estimate of your home's annual carbon emissions

Scores may not be available for the most recent 12-month period. ENERGY STAR uses real-time weather data to calculate your home's score and it usually takes until the 10th of the month to upload the previous month's weather data. For example, from Jan 1-10, you might get an error that your score for the period ending Dec 31 is not available.

About Your Single Family Home

Address Info

Postal Code: *
20011

Street Address 1:
1233 Main Sreet NW

Street Address 2:

City/Municipality:

State/Province: *
District of Columbia (D.C.) ▼

Home Information

Square Footage: *
3500

Types of Energy Used By Home: *
Electric - Grid ▼

Number of People: *
4

Year Built:
1920

Next

About Your Single Family Home

Address Info

Postal Code: *

20011

Street Address 1:

1233 Main Sreet NW

Street Address 2:

State/Province: *

District of Columbia (D.C.) ▼

City/Municipality:

Home Information

Square Footage: *

3500

Number of People: *

4

Types of Energy Used By Home: *

☒ Electric - Grid

☒ Natural Gas

☐ Fuel Oil (No. 2)

☐ Wood

☐ Propane

☐ Kerosene

☐ Coal (bituminous)

Next

Your Home's Energy Use

Home Energy Yardstick Meter Entries

Your Home's Energy Use

Electric - Grid

HEY can currently calculate scores using data through 09/30/2022. ?

You'll need to enter 12 full months of data, meaning the first bill includes the first day of the first month, and the last bill includes the last day of the last month. If your energy bills are from mid-month to mid-month (Jan 15 - Feb 15), then you will need 13 bills to equal "12 full months" of data (because neither Jan nor Feb count as full months).

Unit:
kWh (thousand Watt-hours) ▼

<input type="checkbox"/>	Start Date	End Date	Usage
<input type="checkbox"/>	08/01/2021	08/31/2021	1850
<input type="checkbox"/>	09/01/2021	09/30/2021	1758
<input type="checkbox"/>	10/01/2021	10/31/2021	1555
<input type="checkbox"/>	11/01/2021	11/30/2021	1300
<input type="checkbox"/>	12/01/2021	12/31/2021	1200
<input type="checkbox"/>	01/01/2022	01/31/2022	1222
<input type="checkbox"/>	02/01/2022	02/28/2022	1307
<input type="checkbox"/>	03/01/2022	03/31/2022	1450
<input type="checkbox"/>	04/01/2022	04/30/2022	1500
<input type="checkbox"/>	05/01/2022	05/31/2022	1676
<input type="checkbox"/>	06/01/2022	06/30/2022	1755
<input type="checkbox"/>	07/01/2022	07/31/2022	1815
<input type="checkbox"/>	08/01/2022	08/31/2022	1875

Natural Gas

You'll need to enter 12 full months of data, meaning the first bill includes the first day of the first month, and the last bill includes the last day of the last month. If your energy bills are from mid-month to mid-month (Jan 15 - Feb 15), then you will need 13 bills to equal "12 full months" of data (because neither Jan nor Feb count as full months).

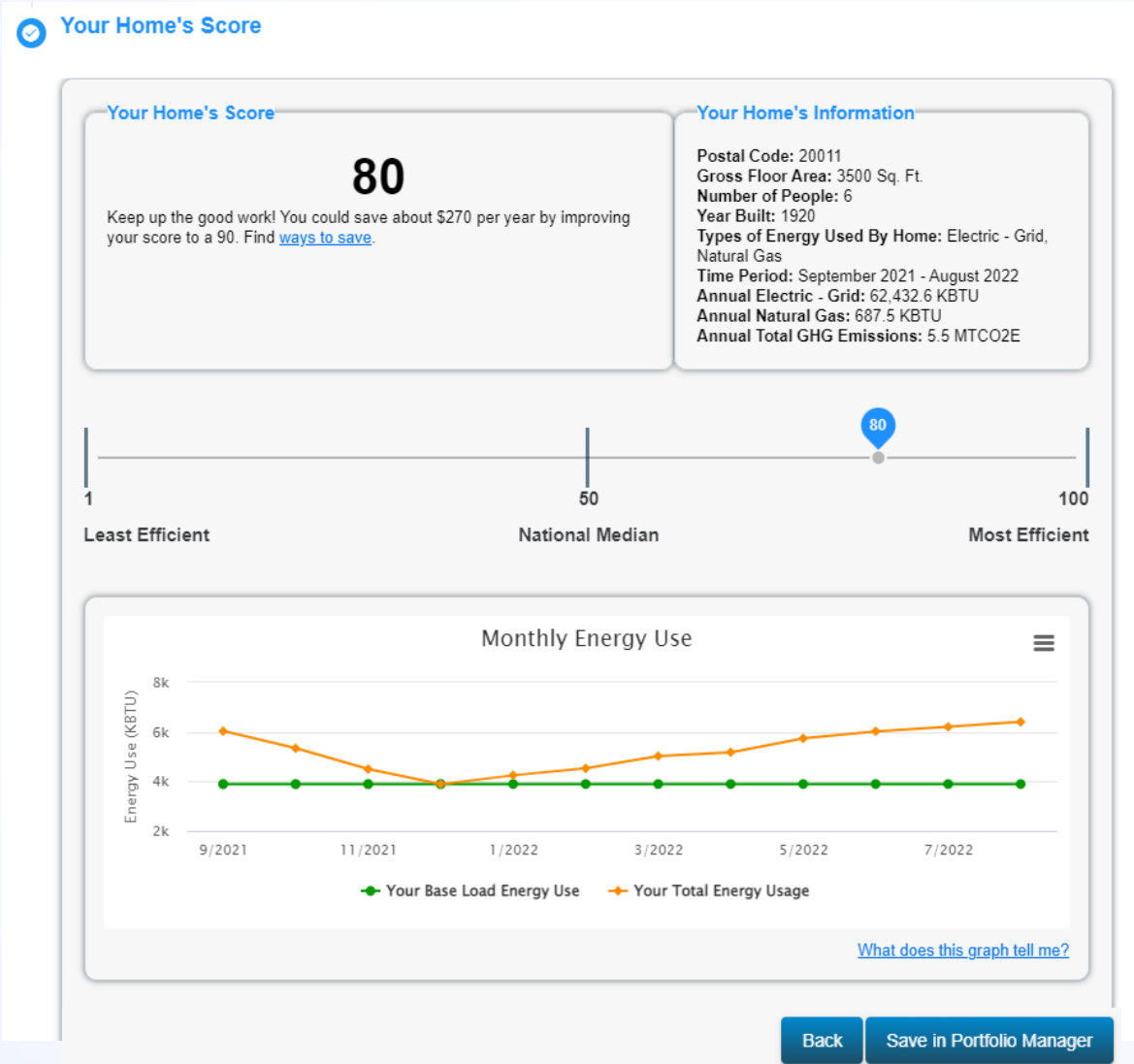
Unit:
kcf (thousand cubic feet) ▼

<input type="checkbox"/>	Start Date	End Date	Usage
<input type="checkbox"/>	08/01/2021	08/31/2021	400
<input type="checkbox"/>	09/01/2021	09/30/2021	450
<input type="checkbox"/>	10/01/2021	10/31/2021	500
<input type="checkbox"/>	11/01/2021	11/30/2021	550
<input type="checkbox"/>	12/01/2021	12/31/2021	670
<input type="checkbox"/>	01/01/2022	01/31/2022	700
<input type="checkbox"/>	02/01/2022	02/28/2022	675
<input type="checkbox"/>	03/01/2022	03/31/2022	650
<input type="checkbox"/>	04/01/2022	04/30/2022	500
<input type="checkbox"/>	05/01/2022	05/31/2022	450
<input type="checkbox"/>	06/01/2022	06/30/2022	445
<input type="checkbox"/>	07/01/2022	07/31/2022	440
<input type="checkbox"/>	08/01/2022	08/31/2022	400

+ -

Back View Results

Home Energy Yardstick Results



How can you use the single-family home score?

- **Single-Family Rental Owners/Managers** – Assess properties' energy use, identify underperforming homes to target for efficiency improvements, and track savings over time at both the individual home and portfolio level.
- **Energy Consulting/Engineering Firms** – Expand your business with existing clients and bring on new clients in the single-family rental industry.
- **Local/State Governments and Utilities** – Use Portfolio Manager reporting features to measure and track the effectiveness of efficiency programs by including the 1-100 ENERGY STAR score for single-family homes and other key metrics in home retrofit programs.
- **Corporate Sustainability Teams** – Encourage employees to benchmark their homes and participate in a company-wide energy-savings campaign.
- **Schools, Libraries, Congregations, and Others** – Encourage families to benchmark their homes and, if available, check out local utility incentives.
- **Individual Homeowners** – Benchmark their home and track savings when implementing energy efficiency measures.

Need More Info

- Buildings Homepage - www.energystar.gov/buildings
- Portfolio Manager - www.energystar.gov/benchmark
- 1-100 ENERGY STAR Score for Single-Family Homes in the U.S. Technical Reference - https://www.energystar.gov/buildings/tools-and-resources/energy_star_score_single_family_homes_united_states
- Home Energy Yardstick - www.energystar.gov/yardstick
- ENERGY STAR for New Homes - <https://www.energystar.gov/newhomes>
- Training - www.energystar.gov/buildingstraining
- Help - www.energystar.gov/buildingshelp